



LEGEND

- PROPOSED FACILITY BOUNDARY
- PROPOSED EXPANSION WASTE AREA
- EXISTING PERMITTED LIMIT OF WASTE AREAS

NOTES

1. THERE ARE NO PUBLIC OR PRIVATE USE AIR OPERATIONS AREAS USED BY TURBOJET AIRCRAFT WITHIN 10,000 FEET OF THE PROPOSED FACILITY. THE MAAS LANDING STRIP IS ONLY USED BY PISTON AIRCRAFT, AND IS LOCATED MORE THAN 5,000 FEET FROM THE PROPOSED FACILITY BOUNDARY. THE WAUKEGAN REGIONAL AIRPORT IS LOCATED APPROXIMATELY 3.5 MILES SOUTH OF THE SITE 2 EAST EXPANSION.
2. THERE IS NOT A REGULATORY 100-YEAR FLOODPLAIN, AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), PRESENT WITHIN THE FACILITY, INCLUDING THE PROPOSED SITE 2 EAST EXPANSION OF THE VEOLIA E.S. ZION LANDFILL. AS SUCH, THE SITE 2 EAST EXPANSION WILL NOT RESTRICT THE FLOW OF THE FEMA 100-YEAR FLOOD FROM OFF-SITE AREAS, REDUCE THE TEMPORARY WATER STORAGE CAPACITY, OR RESULT IN WASHOUT OF SOLID WASTE. THE STORMWATER MANAGEMENT PLAN FOR THE FACILITY HAS BEEN DESIGNED TO CONTROL SURFACE WATER FLOW ON AND AROUND THE FACILITY TO MINIMIZE FLOODING.
3. IN ACCORDANCE WITH SECTION 404 OF THE CLEAN WATER ACT AND THE LAKE COUNTY WATERSHED DEVELOPMENT ORDINANCE, A WETLAND DETERMINATION AND DELINEATION WAS CONDUCTED BY NATURAL RESOURCES CONSULTING, INC. (NRC) FOR THE FACILITY, INCLUDING THE SITE 2 EAST EXPANSION AREA. ONE WETLAND AREA WITHIN THE PROPOSED SITE 2 EAST EXPANSION AREA MEETS THE CRITERIA AS AN ISOLATED WATERS OF LAKE COUNTY. VEOLIA E.S. ZION LANDFILL WILL PURCHASE ADDITIONAL WETLANDS AT A RATIO GREATER THAN 1:1. THE WETLAND BANK MITIGATION FEE WILL BE PAID TO THE LAKE COUNTY STORMWATER MANAGEMENT COMMISSION PRIOR TO DEVELOPMENT IN THIS AREA.
4. THERE ARE NO FAULTS THAT HAVE DISPLACEMENT DURING THE HOLOCENE EPOCH WITHIN 200 FEET OF THE FACILITY, INCLUDING THE PROPOSED LANDFILL SITE 2 EAST EXPANSION AREA.
5. THE PROPOSED FACILITY IS NOT LOCATED WITHIN A SEISMIC IMPACT ZONE THAT HAS A 10% CHANCE OF EXCEEDING 0.10 G IN 250 YEARS. THE EXPANSION HAS BEEN DESIGNED TO ACHIEVE A SAFETY FACTOR GREATER THAN 1.3 AGAINST SLOPE FAILURE UNDER SEISMIC CONDITIONS.
6. THE FACILITY IS NOT LOCATED IN AN UNSTABLE AREA BASED ON REGIONAL AND SITE SPECIFIC HYDROGEOLOGICAL AND GEOTECHNICAL INVESTIGATIONS. THERE ARE NO RECORDED COAL MINES WITHIN THE VICINITY OF THE FACILITY, INCLUDING THE PROPOSED LANDFILL EXPANSION AREA, BASED ON AN ILLINOIS STATE GEOLOGIC SURVEY MAP OF LAKE COUNTY.
7. THERE ARE NO RIVERS DESIGNATED FOR PROTECTION UNDER THE WILD AND SCENIC RIVERS ACT WITHIN THE PROPOSED FACILITY WATERSHED.
8. PHASE I ARCHAEOLOGICAL SURVEYS HAVE BEEN PERFORMED THROUGHOUT THE ENTIRE FACILITY, INCLUDING THE SITE 2 EAST EXPANSION. THE ILLINOIS HISTORIC PRESERVATION AGENCY HAS CONCLUDED THAT NO SIGNIFICANT HISTORIC, ARCHITECTURAL, OR ARCHAEOLOGICAL RESOURCES ARE LOCATED WITHIN THE PROPOSED FACILITY.
9. THE DEVELOPMENT AND OPERATIONS OF THE PROPOSED FACILITY, INCLUDING THE SITE 2 EAST EXPANSION WILL NOT IMPACT ANY POTENTIALLY ENDANGERED OR THREATENED SPECIES.
10. THE DEVELOPMENT AND OPERATIONS OF THE FACILITY, INCLUDING THE PROPOSED SITE 2 EAST EXPANSION WILL NOT VIOLATE AN AREA-WIDE OR STATE-WIDE WATER QUALITY MANAGEMENT (WQM) PLAN.
11. NO KNOWN OFF-SITE WATER SUPPLY WELLS ARE LOCATED WITHIN 200 FEET OF THE WASTE BOUNDARY NOR ARE THERE ANY COMMUNITY WATER SUPPLY WELLS WITHIN 2,500 FEET OF THE WASTE BOUNDARY, PER THE SETBACK ZONES DEFINED IN SECTION 14.2 AND 14.3 OF THE ILLINOIS ENVIRONMENTAL PROTECTION ACT. ANY WATER SUPPLY WELL LOCATED ON THE APPLICANT'S PROPERTY WILL BE PROPERLY ABANDONED OR THE WATER SUPPLY WELL WILL BE MARKED AND A WRITTEN WAIVER FROM THE SETBACK REQUIREMENTS WILL BE PUT IN THE OPERATING RECORD. THE LOCATIONS OF ALL KNOWN AND RECORDED WATER SUPPLY WELLS IN THE SURROUNDING AREA OF THE SITE ARE SHOWN ON DRAWING NO. G2 AND DISCUSSED WITHIN THE HYDROGEOLOGICAL REPORT.
12. NO DESIGNATED SOLE SOURCE AQUIFERS NOR REGULATED RECHARGE AREAS ARE LOCATED WITHIN THE PROPOSED FACILITY, INCLUDING THE SITE 2 EAST EXPANSION AREA.
13. FACILITY OPERATIONS WITHIN 500 FEET OF PUBLIC ROADS WILL BE SCREENED FROM VIEW BY A COMBINATION OF VEGETATED EARTHEN BERMS AND/OR A FENCE A MINIMUM OF 8 FEET HIGH.
14. THE PROPOSED EXPANSION OF SITE 2 EAST EXPANSION WASTE BOUNDARY IS LOCATED OVER 500 FEET FROM ALL OCCUPIED DWELLINGS, SCHOOLS, RETIREMENT HOME, HOSPITALS OR LIKE INSTITUTIONS.
15. THERE ARE NO NATURAL AREAS DESIGNATED AS A DEDICATED ILLINOIS NATURE PRESERVE PURSUANT TO THE ILLINOIS NATURAL AREAS PRESERVATION ACT WITHIN TWO MILES OF THE PROPOSED FACILITY.

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| REV. NO. | DATE | DESCRIPTION |



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| VEOLIA E.S. ZION LANDFILL-SITE 2 EAST EXPANSION | | PROJ. NO.: | 122150 | DATE: | FEBRUARY 2010 |
| CITY OF ZION, ILLINOIS | | DESIGNED BY: | RDS | DRAWING NO. D2 2 OF 22 SHEETS | |
| REGIONAL FACILITY LOCATION | | DRAWN BY: | BWM | | |
| | | CHECKED BY: | RDS | | |
| | | APPROVED BY: | DAM | | |